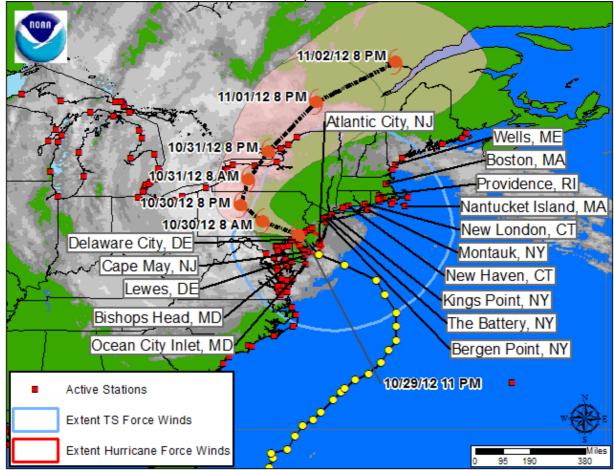


NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

...POST-TROPICAL CYCLONE SANDY MADE LANDFALL NEAR ATLANTIC CITY NEW JERSEY AROUND 800 PM EDT ON 10/29/2012 WITH MAXIMUM SUSTAINED WINDS OF 80 **MPH...**

As of 10/30/2012 00:00 EDT, water levels along the Atlantic coast from Maryland to Maine are elevated. Water levels from Ocean City, MD to New London, CT range from 2.6 to 8.0 feet above tidal predictions. Water levels across New England from Providence, RI to Wells, ME range from 2.0 to 2.5 feet above tidal predictions. Mid-Chesapeake Bay has been gradually rising and water levels are presently 2.8 feet above tidal predictions. However, water level stations in the Upper Chesapeake Bay are at or near predicted tide levels. Upper Deleware Bay is at or near predicted tide levels. Water level stations south of Ocean City, MD have leveled off and are falling but remain up to 2.0 feet above tidal predictions.

Winds are decreasing across the region. Along the coast, winds generally range from 10 to 35 knots, with gusts from 15 to 40 knots. Winds in the Chesapeake Bay and Deleware Bay range between 20 and 35 knots, with gusts ranging from 25 to 45 knots. Barometric pressure has leveled off or is rising at all stations except for Maine, where it is presently falling.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to <u>Mean Lower Low Water</u> are:

Bergen Point West Reach, NY: Next predicted high tides are 5.8 ft (1.77 m) at 10/30/2012 09:04 EDT and 5.1 ft (1.57 m) at 10/30/2012 21:30 EDT.

The Battery, NY: Next predicted high tides are 5.3 ft (1.63 m) at 10/30/2012 09:07 EDT and 4.6 ft (1.42 m) at 10/30/2012 21:33 EDT.

Kings Point, NY: Next predicted high tides are 7.6 ft (2.31 m) at 10/30/2012 00:27 EDT and 8.1 ft (2.50 m) at 10/30/2012 12:31 EDT.

New Haven, CT: Next predicted high tides are 6.9 ft (2.12 m) at 10/30/2012 12:05 EDT and 6.1 ft (1.89 m) at 10/31/2012 00:33 EDT.

New London, CT: Next predicted high tides are 3.2 ft (0.97 m) at 10/30/2012 10:09 EDT and 2.5 ft (0.78 m) at 10/30/2012 22:34 EDT.

Atlantic City, NJ: Next predicted high tides are 4.8 ft (1.48 m) at 10/30/2012 08:17 EDT and 4.0 ft (1.23 m) at 10/30/2012 20:38 EDT.

Cape May, NJ: Next predicted high tides are 5.7 ft (1.73 m) at 10/30/2012 09:25 EDT and 4.8 ft (1.47 m) at 10/30/2012 21:46 EDT.

Delaware City, DE: Next predicted high tides are 5.7 ft (1.74 m) at 10/30/2012 00:05 EDT and 6.2 ft (1.90 m) at 10/30/2012 12:24 EDT.

Lewes, DE: Next predicted high tides are 4.9 ft (1.49 m) at 10/30/2012 09:30 EDT and 4.0 ft (1.22 m) at 10/30/2012 21:51 EDT.

Ocean City Inlet, MD: Next predicted high tides are 2.6 ft (0.78 m) at 10/30/2012 08:56 EDT and 2.1 ft (0.64 m) at 10/30/2012 21:01 EDT.

Bishops Head, MD: Next predicted high tides are 1.9 ft (0.59 m) at 10/30/2012 02:18 EDT and 2.2 ft (0.67 m) at 10/30/2012 14:33 EDT.

Providence, RI: Next predicted high tides are 5.1 ft (1.54 m) at 10/30/2012 08:57 EDT and 4.5 ft (1.38 m) at 10/30/2012 21:20 EDT.

Nantucket Island, MA: Next predicted high tides are 2.9 ft (0.88 m) at 10/30/2012 01:17 EDT and 3.5 ft (1.09 m) at 10/30/2012 13:09 EDT.

Boston, MA: Next predicted high tides are 9.6 ft (2.91 m) at 10/30/2012 00:02 EDT and 10.4 ft (3.19 m) at 10/30/2012 12:09 EDT.

Wells, ME: Next predicted high tides are 8.9 ft (2.70 m) at 10/30/2012 00:02 EDT and 9.7 ft (2.98 m) at

10/30/2012 12:10 EDT.

For additional data, please see the <u>Center for Operational Oceanographic Products & Services</u> website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see <u>Tidal Datums</u>. For more information or archived products and reports, please see the <u>Storm QuickLook</u> Homepage.

Analyst:CMF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

POST-TROPICAL CYCLONE SANDY ADVISORY NUMBER 31 1100 PM EDT MON OCT 29 2012

- ...SANDY STILL PACKING HURRICANE-FORCE WINDS...
- ...NEXT PUBLIC ADVISORY TO BE ISSUED BY THE HYDROMETEOROLOGICAL PREDICTION CENTER...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

THERE ARE NO COASTAL TROPICAL CYCLONE WARNINGS IN EFFECT.

HOWEVER...THERE ARE NON-TROPICAL HIGH-WIND WARNINGS IN EFFECT FOR PORTIONS OF THE MID-ATLANTIC AND NEW ENGLAND STATES. PLEASE SEE STATEMENTS FROM LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICES.

HURRICANE-FORCE WIND GUSTS ARE POSSIBLE ALONG PORTIONS OF THE COAST BETWEEN CHINCOTEAGUE VIRGINIA AND CHATHAM MASSACHUSETTS DURING THE NEXT FEW HOURS. THIS INCLUDES THE TIDAL POTOMAC FROM COBB ISLAND TO SMITH POINT...THE MIDDLE AND UPPER CHESAPEAKE BAY...DELAWARE BAY...AND THE COASTS OF THE NORTHERN DELMARVA PENINSULA...NEW JERSEY...THE NEW YORK CITY AREA...LONG ISLAND...CONNECTICUT...AND RHODE ISLAND.

TROPICAL-STORM-FORCE WINDS ARE EXPECTED TO CONTINUE NORTH OF CHATHAM THROUGH MUCH OF NEW ENGLAND...AND OVER THE LOWER CHESAPEAKE BAY...AND SOUTH OF CHINCOTEAGUE TO EXTREME NORTHEASTERN NORTH CAROLINA.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 PM EDT THE CENTER OF POST-TROPICAL CYCLONE SANDY WAS LOCATED ABOUT 10

MI SW OF PHILADELPHIA PENSYLVANIA. THE POST-TROPICAL CYCLONE IS MOVING TOWARD THE NORTHWEST AT 18 MPH. A WEST-NORTHWEST TO NORTHWEST MOTION WITH SOME REDUCTION IN FORWARD SPEED IS EXPECTED THROUGH TUESDAY. A TURN TOWARD THE NORTH AND NORTHEAST IS FORECAST TUESDAY NIGHT. ON THE FORECAST TRACK...THE CENTER OF SANDY IS EXPECTED TO MOVE ACROSS PENNSYLVANIA DURING THE NEXT DAY OR SO...THEN MOVE INTO WESTERN NEW YORK TUESDAY NIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 75 MPH WITH HIGHER GUSTS. THE STRONGEST WINDS ARE OCCURRING OVER WATER TO THE EAST OF THE CENTER. STEADY WEAKENING IS FORECAST DURING THE NEXT 48 HOURS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 90 MILES TO THE EAST OF THE CENTER. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 485 MILES FROM THE CENTER. A SUSTAINED WIND OF 56 MPH...WITH A GUST TO 71 MPH WAS RECENTLY REPORTED AT LAGUARDIA AIRPORT IN NEW YORK. A TEXAS TECH UNIVERSITY AUTOMATED OBSERVING SITE HAS REPORTED SUSTAINED WINDS OF 50 MPH...WITH A GUST TO 67 MPH...ALONG THE COAST OF NORTHERN NEW JERSEY WITHIN THE PAST HOUR.

THE ESTIMATED MINIMUM CENTRAL PRESSURE BASED ON SURFACE DATA IS 952 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL-STORM-FORCE WINDS WILL CONTINUE OVER PORTIONS OF THE MID-ATLANTIC STATES FROM VIRGINIA NORTHWARD THROUGH NEW ENGLAND. HURRICANE-FORCE WIND GUSTS ARE POSSIBLE ALONG THE COAST OF NEW JERSEY...NEW YORK...SOUTHERN MASSACHUSETTS AND RHODE ISLAND DURING THE NEXT FEW HOURS.

IT IS IMPORTANT TO NOTE THAT WINDS AFFECTING THE UPPER FLOORS OF HIGH-RISE BUILDINGS WILL BE SIGNIFICANTLY STRONGER THAN THOSE NEAR GROUND LEVEL.

STORM SURGE...THE COMBINATION OF AN EXTREMELY DANGEROUS STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

NC NORTH OF SURF CITY INCLUDING PAMLICO/ALBEMARLE SOUNDS...2 TO 4 FT SE VA AND DELMARVA INCLUDING LOWER CHESAPEAKE BAY...2 TO 4 FT UPPER AND MIDDLE CHESAPEAKE BAY...1 TO 3 FT LONG ISLAND SOUND...RARITAN BAY...AND NEW YORK HARBOR...6 TO 11 FT ELSEWHERE FROM OCEAN CITY MD TO THE CT/RI BORDER...4 TO 8 FT CT/RI BORDER TO THE SOUTH SHORE OF CAPE COD INCLUDING BUZZARDS BAY AND NARRAGANSETT BAY...3 TO 6 FT CAPE COD TO THE MA/NH BORDER INCLUDING CAPE COD BAY...2 TO 4 FT MA/NH BORDER TO THE U.S./CANADA BORDER...1 TO 3 FT

SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. GIVEN THE LARGE WIND FIELD ASSOCIATED WITH SANDY...ELEVATED WATER LEVELS COULD SPAN MULTIPLE TIDE CYCLES RESULTING IN REPEATED AND EXTENDED PERIODS OF COASTAL AND BAYSIDE FLOODING. IN ADDITION...ELEVATED WATERS COULD OCCUR FAR REMOVED FROM THE CENTER OF SANDY. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE

PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...RAINFALL TOTALS OF 3 TO 6 INCHES ARE EXPECTED OVER FAR NORTHEASTERN NORTH CAROLINA WITH ISOLATED MAXIMUM TOTALS OF 8 INCHES POSSIBLE. RAINFALL AMOUNTS OF 4 TO 8 INCHES ARE EXPECTED OVER PORTIONS OF THE MID ATLANTIC STATES...INCLUDING THE DELMARVA PENINSULA...WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES POSSIBLE. RAINFALL AMOUNTS OF 1 TO 3 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 5 INCHES ARE POSSIBLE FROM THE SOUTHERN TIER OF NEW YORK STATE NORTHEASTWARD THROUGH NEW ENGLAND.

SNOWFALL..SNOW ACCUMULATIONS OF 2 TO 3 FEET ARE EXPECTED IN THE MOUNTAINS OF WEST VIRGINIA WITH LOCALLY HIGHER TOTALS TODAY THROUGH WEDNESDAY. SNOWFALL OF 1 TO 2 FEET IS EXPECTED IN THE MOUNTAINS OF SOUTHWESTERN VIRGINIA TO THE KENTUCKY BORDER...WITH 12 TO 18 INCHES OF SNOW EXPECTED IN THE MOUNTAINS NEAR THE NORTH CAROLINA/TENNESSEE BORDER AND IN THE MOUNTAINS OF WESTERN MARYLAND.

SURF...DANGEROUS SURF CONDITIONS WILL CONTINUE FROM FLORIDA THROUGH NEW ENGLAND FOR THE NEXT COUPLE OF DAYS.

NEXT ADVISORY

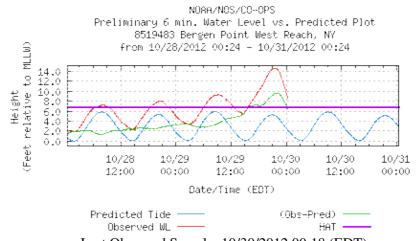
THIS IS THE LAST PUBLIC ADVISORY ISSUED BY THE NATIONAL HURRICANE CENTER ON SANDY. FUTURE INFORMATION ON THIS SYSTEM CAN BE FOUND IN PUBLIC ADVISORIES ISSUED BY THE HYDROMETEOROLOGICAL PREDICTION CENTER...UNDER AWIPS HEADER TCPAT3 AND WMO HEADER WTNT33 KWNH...BEGINNING AT 500 AM EDT. THESE PUBLIC ADVISORIES WILL ALSO BE AVAILABLE ON THE NHC WEBSITE.

FORECASTER BROWN/ROBERTS

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: Bergen Point West Reach - Water Level, Bergen Point West Reach - Winds, Bergen Point West Reach - Barometric, The Battery - Water Level, The Battery - Barometric, Kings Point - Water Level, Kings Point - Winds, Kings Point - Barometric, New Haven - Water Level, New Haven - Winds, New Haven - Barometric, New London - Water Level, New London - Winds, New London - Barometric, Atlantic City - Water Level, Atlantic City - Barometric, Cape May - Water Level, Cape May - Winds, Cape May - Barometric, Delaware City - Water Level, Delaware City - Winds, Delaware City - Barometric, Lewes - Water Level, Lewes - Winds, Lewes - Barometric, Ocean City Inlet - Water Level, Ocean City Inlet - Winds, Ocean City Inlet - Barometric, Bishops Head - Water Level, Bishops Head - Winds, Bishops Head - Barometric, Providence - Water Level, Providence - Winds, Providence - Barometric, Nantucket Island - Water Level, Nantucket Island - Water Level, Boston - Water Level, Boston - Barometric, Wells - Water Level, Wells - Winds, Wells - Barometric,

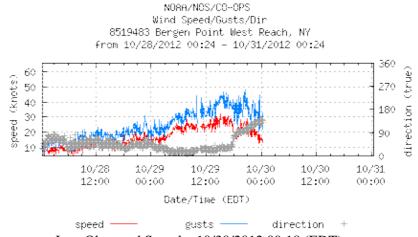
Bergen Point West Reach, NY - Return to List



Last Observed Sample: 10/30/2012 00:18 (EDT)

Relative to MLLW: Observed: 8.67 ft. Predicted: 2.15 ft. Residual: 6.52 ft. Historical Maximum Water Level: Aug 28 2011, 4.7 ft. above MHHW

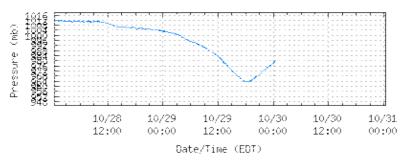
Bergen Point West Reach, NY - Return to List



Last Observed Sample: 10/30/2012 00:18 (EDT) Wind Speed: 13 knots Gusts: 22 knots Direction: 130° T

Bergen Point West Reach, NY - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8519483 Bergen Point West Reach, NY from 10/28/2012 00:24 - 10/31/2012 00:24



barometric pressure —

Last Observed Sample: 10/30/2012 00:18 (EDT)

Barometric Pressure: 979.3 mb

The Battery, NY - Return to List

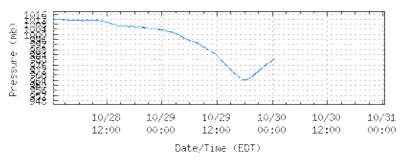
NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8518750 The Battery, NY (Feet relative to MLLW) from 10/28/2012 00:24 - 10/31/2012 00:24 14.0 12.0 10.0 8.0 6.0 4.0 2.0 Height 10/28 10/29 10/29 10/30 10/30 10/31 12:00 00;00 12:00 00:00 12:00 00:00 Date/Time (EDT)

Predicted Tide (Obs-Pred) (Obs-Pred) HAT (Obs-Pred)

Last Observed Sample: 10/30/2012 00:18 (EDT)
Relative to MLLW: Observed: 7.58 ft. Predicted: 1.89 ft. Residual: 5.69 ft. Historical Maximum Water Level: Sep 12 1960, 4.96 ft. above MHHW

The Battery, NY - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8518750 The Battery, NY from 10/28/2012 00:24 - 10/31/2012 00:24



barometric pressure ——

Last Observed Sample: 10/30/2012 00:18 (EDT)

Barometric Pressure: 980.7 mb

Kings Point, NY - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8516945 Kings Point, NY (Feet relative to MLLW) from 10/28/2012 00:24 - 10/31/2012 00:24 14.0 12.0 10.0 8.0 6.0 4.0 2.0 Height 10/28 10/29 10/29 10/30 10/30 10/31 12:00 00;00 12:00 00:00 12:00 00:00 Date/Time (EDT) Predicted Tide (Obs-Pred)

Predicted Tide (Obs-Pred) (Obs-Pred) HAT (Observed WL HAT

Last Observed Sample: 10/30/2012 00:18 (EDT)
Relative to MLLW: Observed: 10.92 ft. Predicted: 7.57 ft. Residual: 3.35 ft. Historical Maximum Water Level: Aug 28 2011, 4.51 ft. above MHHW

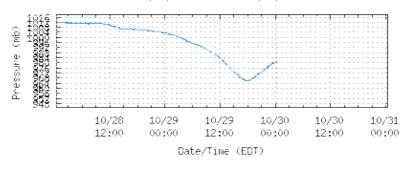
Kings Point, NY - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8516945 Kings Point, NY from 10/28/2012 00:24 - 10/31/2012 00:24 360 60 speed (knots) 50 40 direction 180 30 20 90 10/29 10/28 10/29 10/30 10/30 1.0/31. 12:00 00:00 12:00 00:00 12:00 00:00 Date/Time (EDT) gusts direction speed :

Last Observed Sample: 10/30/2012 00:18 (EDT) Wind Speed: 17 knots Gusts: 28 knots Direction: 166° T

Kings Point, NY - Return to List

NOAA/NOS/C9-9PS Barometric Pressure Plot 8516945 Kings Point, NY from 10/28/2012 00:24 - 10/31/2012 00:24

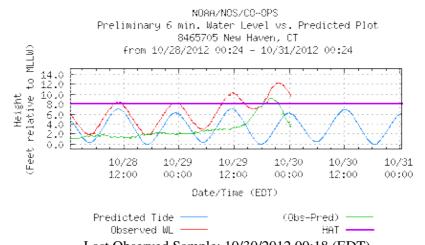


barometric pressure ———

Last Observed Sample: 10/30/2012 00:18 (EDT)

Barometric Pressure: 981.3 mb

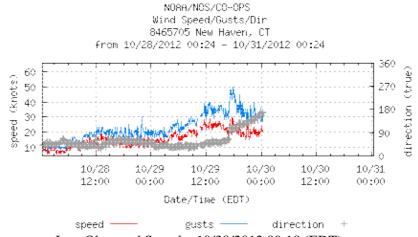
New Haven, CT - Return to List



Last Observed Sample: 10/30/2012 00:18 (EDT)

Relative to MLLW: Observed: 9.51 ft. Predicted: 6.13 ft. Residual: 3.38 ft. Historical Maximum Water Level: Aug 28 2011, 4.82 ft. above MHHW

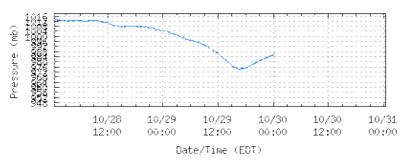
New Haven, CT - Return to List



Last Observed Sample: 10/30/2012 00:18 (EDT) Wind Speed: 20 knots Gusts: 27 knots Direction: 172° T

New Haven, CT - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8465705 New Haven, CT from 10/28/2012 00:24 - 10/31/2012 00:24



barometric pressure ———

Last Observed Sample: 10/30/2012 00:18 (EDT)

Barometric Pressure: 986.2 mb

New London, CT - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8461490 New London, CT (Feet relative to MLLW) from 10/28/2012 00:24 - 10/31/2012 00:24 14.0 12.0 10.0 8.0 6.0 4.0 2.0 Height 10/28 10/29 10/29 10/30 10/30 10/31 00:00 12:00 00;00 12:00 00:00 12:00 Date/Time (EDT) Predicted Tide (Obs-Pred) Observed WL HAT

Last Observed Sample: 10/30/2012 00:12 (EDT)

Relative to MLLW: Observed: 5.12 ft. Predicted: 1.85 ft. Residual: 3.27 ft. Historical Maximum Water Level: Sep 21 1938, 7.53 ft. above MHHW

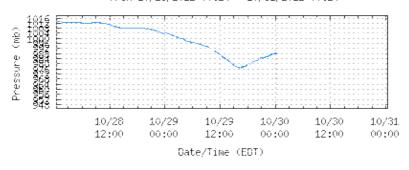
New London, CT - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8461490 New London, CT from 10/28/2012 00:24 - 10/31/2012 00:24 360 60 speed (knots) 50 40 direction 180 30 20 90 10/29 10/31 1.0/28 10/30 10/30 10/29 12:00 00:00 12:00 00:00 12:00 00:00 Date/Time (EDT) gusts direction speed :

Last Observed Sample: 10/30/2012 00:12 (EDT) Wind Speed: 10 knots Gusts: 16 knots Direction: 157° T

New London, CT - Return to List

NOAA/NOS/C9-9PS Barometric Pressure Plot 8461490 New London, CT from 10/28/2012 00:24 - 10/31/2012 00:24

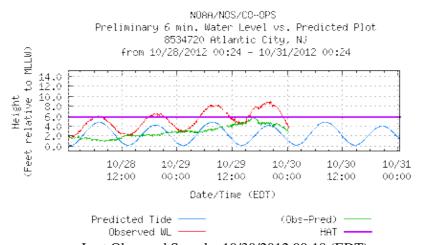


barometric pressure ——

Last Observed Sample: 10/30/2012 00:12 (EDT)

Barometric Pressure: 988.6 mb

Atlantic City, NJ - Return to List

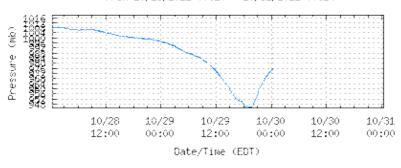


Last Observed Sample: 10/30/2012 00:18 (EDT)
Relative to MLLW: Observed: 3.69 ft. Predicted: 0.92 ft. Residual: 2.77 ft.

Historical Maximum Water Level: Dec 11 1992, 4.38 ft. above MHHW

Atlantic City, NJ - Return to List

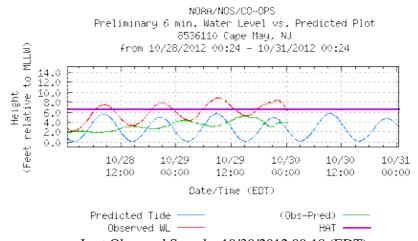
NOAA/NOS/CO-OPS Barometric Pressure Plot 8534720 Atlantic City, NJ from 10/28/2012 00:24 - 10/31/2012 00:24



barometric pressure ——
Last Observed Sample: 10/30/2012 00:18 (EDT)

Barometric Pressure: 975.5 mb

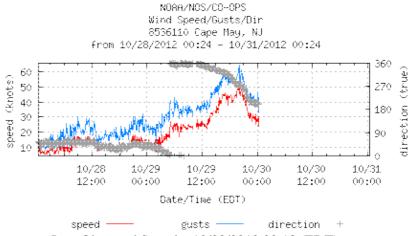
Cape May, NJ - Return to List



Last Observed Sample: 10/30/2012 00:18 (EDT)
Relative to MLLW: Observed: 6.34 ft. Predicted: 2.35 ft. Residual: 3.99 ft.

Historical Maximum Water Level: Sep 27 1985, 3.36 ft. above MHHW

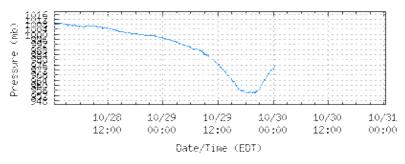
Cape May, NJ - Return to List



Last Observed Sample: 10/30/2012 00:18 (EDT) Wind Speed: 24 knots Gusts: 33 knots Direction: 202° T

Cape May, NJ - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8536110 Cape May, NJ from 10/28/2012 00:24 - 10/31/2012 00:24



barometric pressure ——

Last Observed Sample: 10/30/2012 00:18 (EDT)

Barometric Pressure: 974.7 mb

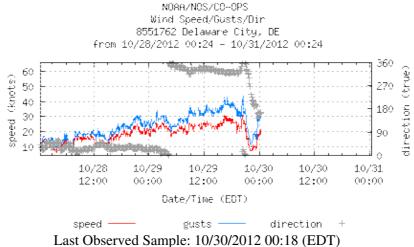
Delaware City, DE - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8551762 Delaware City, DE (Feet relative to MLLW) from 10/28/2012 00:24 - 10/31/2012 00:24 14.0 12.0 10.0 8.0 6.0 4.0 2.0 Height 10/28 10/29 10/29 10/30 10/30 10/31 12:00 00;00 12:00 00:00 12:00 00:00 Date/Time (EDT)

Predicted Tide (Obs-Pred) (Obs-Pred) HAT

Last Observed Sample: 10/30/2012 00:18 (EDT)
Relative to MLLW: Observed: 8.60 ft. Predicted: 5.68 ft. Residual: 2.92 ft. Historical Maximum Water Level: Apr 17 2011, 3.38 ft. above MHHW

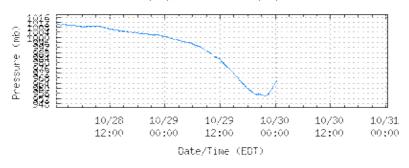
Delaware City, DE - Return to List



Wind Speed: 18 knots Gusts: 31 knots Direction: 166° T

Delaware City, DE - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8551762 Delaware City, DE from 10/28/2012 00:24 - 10/31/2012 00:24

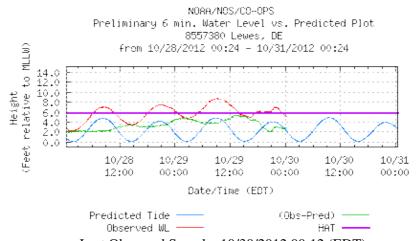


barometric pressure ———

Last Observed Sample: 10/30/2012 00:18 (EDT)

Barometric Pressure: 965.9 mb

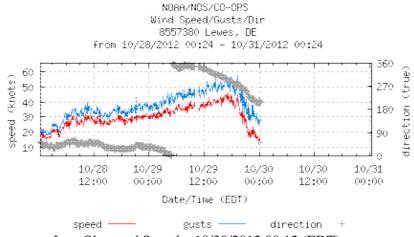
Lewes, DE - Return to List



Last Observed Sample: 10/30/2012 00:12 (EDT)

Relative to MLLW: Observed: 5.06 ft. Predicted: 2.20 ft. Residual: 2.86 ft. Historical Maximum Water Level: Mar 6 1962, 4.57 ft. above MHHW

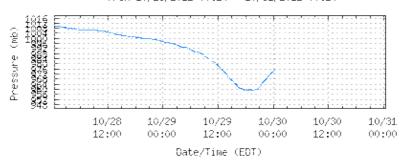
Lewes, DE - Return to List



Last Observed Sample: 10/30/2012 00:12 (EDT) Wind Speed: 13 knots Gusts: 29 knots Direction: 209° T

Lewes, DE - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8557380 Lewes, DE from 10/28/2012 00:24 - 10/31/2012 00:24



barometric pressure —— Last Observed Sample: 10/30/2012 00:12 (EDT)

Barometric Pressure: 974.9 mb

Ocean City Inlet, MD - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8570283 Ocean City Inlet, MD (Feet relative to MLLW) from 10/28/2012 00:24 - 10/31/2012 00:24 14.0 12.0 10.0 8.0 6.0 4.0 2.0 Height 10/28 10/29 10/29 10/30 10/30 10/31 00;00 12:00 00:00 12:00 12:00 00:00 Date/Time (EDT) Predicted Tide (Obs-Pred)

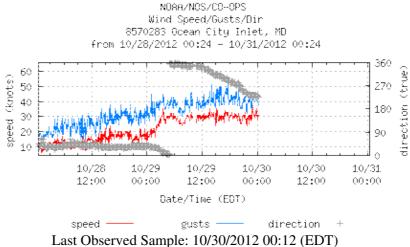
Last Observed Sample: 10/30/2012 00:12 (EDT)

HAT

Observed WL

Relative to MLLW: Observed: 4.26 ft. Predicted: 0.70 ft. Residual: 3.56 ft. Historical Maximum Water Level: Feb 5 1998, 3.61 ft. above MHHW

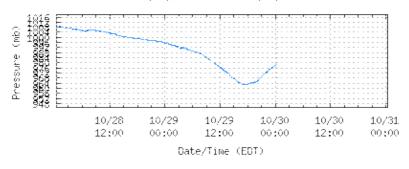
Ocean City Inlet, MD - Return to List



Wind Speed: 31 knots Gusts: 38 knots Direction: 227° T

Ocean City Inlet, MD - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8570283 Ocean City Inlet, MD from 10/28/2012 00:24 - 10/31/2012 00:24

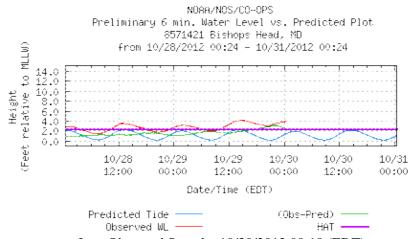


barometric pressure ———

Last Observed Sample: 10/30/2012 00:12 (EDT)

Barometric Pressure: 978.6 mb

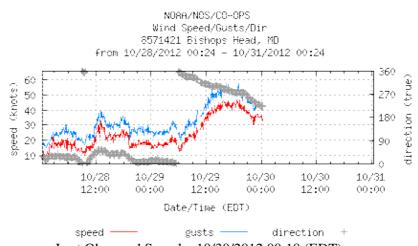
Bishops Head, MD - Return to List



Last Observed Sample: 10/30/2012 00:18 (EDT)
Relative to MLLW: Observed: 3.95 ft. Predicted: 1.44 ft. Residual: 2.51 ft.

Historical Maximum Water Level: Apr 17 2011, 2.28 ft. above MHHW

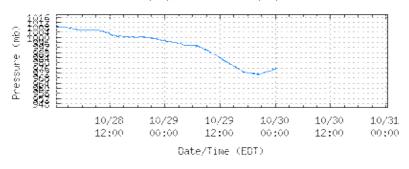
Bishops Head, MD - Return to List



Last Observed Sample: 10/30/2012 00:18 (EDT) Wind Speed: 33 knots Gusts: 42 knots Direction: 221° T

Bishops Head, MD - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8571421 Bishops Head, MD from 10/28/2012 00:24 - 10/31/2012 00:24



barometric pressure ——

Last Observed Sample: 10/30/2012 00:18 (EDT)
Barometric Pressure: 976.1 mb

Providence, RI - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8454000 Providence, RI (Feet relative to MLLW) from 10/28/2012 00:24 - 10/31/2012 00:24 14.0 12.0 10.0 8.0 6.0 4.0 2.0 Height 10/28 10/29 10/29 10/30 10/30 10/31 12:00 00;00 12:00 00:00 12:00 00:00 Date/Time (EDT) Predicted Tide (Obs-Pred)

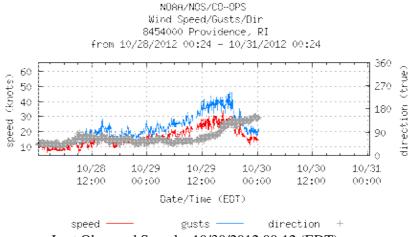
Last Observed Sample: 10/30/2012 00:12 (EDT)

HAT

Observed WL

Relative to MLLW: Observed: 3.89 ft. Predicted: 0.76 ft. Residual: 3.13 ft. Historical Maximum Water Level: Sep 21 1938, 12.67 ft. above MHHW

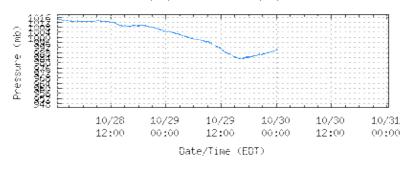
Providence, RI - Return to List



Last Observed Sample: 10/30/2012 00:12 (EDT) Wind Speed: 14 knots Gusts: 22 knots Direction: 147° T

Providence, RI - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8454000 Providence, RI from 10/28/2012 00:24 - 10/31/2012 00:24

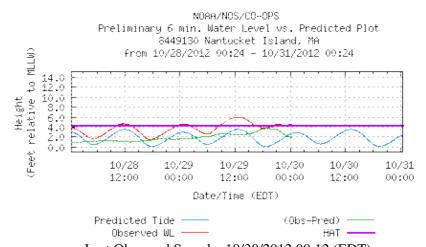


barometric pressure ———

Last Observed Sample: 10/30/2012 00:12 (EDT)

Barometric Pressure: 990.1 mb

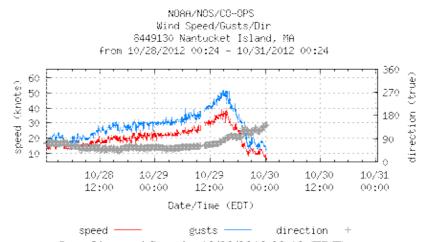
Nantucket Island, MA - Return to List



Last Observed Sample: 10/30/2012 00:12 (EDT)

Relative to MLLW: Observed: 4.58 ft. Predicted: 2.69 ft. Residual: 1.89 ft. Historical Maximum Water Level: Oct 30 1991, 4.29 ft. above MHHW

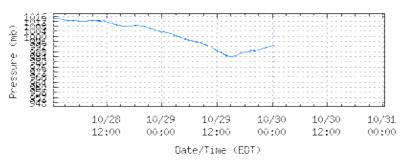
Nantucket Island, MA - Return to List



Last Observed Sample: 10/30/2012 00:12 (EDT) Wind Speed: 5 knots Gusts: 12 knots Direction: 145° T

Nantucket Island, MA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8449130 Nantucket Island, MA from 10/28/2012 00:24 - 10/31/2012 00:24



barometric pressure ——
Last Observed Sample: 10/30/2012 00:12 (EDT)

Barometric Pressure: 992.8 mb

Boston, MA - Return to List

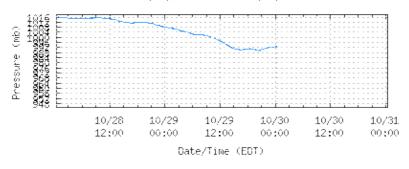
NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8443970 Boston, MA (Feet relative to MLLW) from 10/28/2012 00:24 - 10/31/2012 00:24 14.0 12.0 10.0 8.0 6.0 4.0 2.0 Height 10/28 10/29 10/29 10/30 10/30 10/31 12:00 00;00 12:00 00:00 12:00 00:00 Date/Time (EDT) Predicted Tide (Obs-Pred)

Observed WL --- (Observed)

Last Observed Sample: 10/30/2012 00:12 (EDT)
Relative to MLLW: Observed: 11.61 ft. Predicted: 9.55 ft. Residual: 2.06 ft. Historical Maximum Water Level: Feb 7 1978, 4.82 ft. above MHHW

Boston, MA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8443970 Boston, MA from 10/28/2012 00:24 - 10/31/2012 00:24

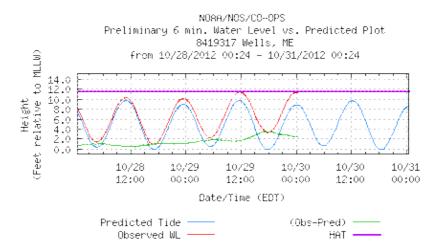


barometric pressure ——

Last Observed Sample: 10/30/2012 00:12 (EDT)

Barometric Pressure: 993.0 mb

Wells, ME - Return to List



Last Observed Sample: 10/30/2012 00:12 (EDT)

Relative to MLLW: Observed: 11.29 ft. Predicted: 8.86 ft. Residual: 2.43 ft. Historical Maximum Water Level: Apr 16 2007, 3.59 ft. above MHHW

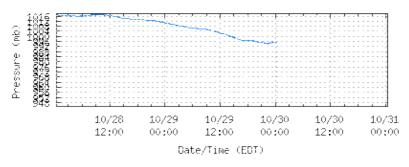
Wells, ME - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8419317 Wells, ME from 10/28/2012 00:24 - 10/31/2012 00:24 360 60 speed (knots) 50 40 direction 180 30 20 90 10/30 10/28 10/30 1.0/31. 10/29 10/29 12:00 00:00 12:00 00:00 12:00 00:00 Date/Time (EDT) gusts direction speed :

Last Observed Sample: 10/30/2012 00:12 (EDT) Wind Speed: 22 knots Gusts: 29 knots Direction: 104° T

Wells, ME - Return to List

NOAA/NOS/C9-9PS Barometric Pressure Plot 8419317 Wells, ME from 10/28/2012 00:24 - 10/31/2012 00:24



barometric pressure ——
Last Observed Sample: 10/30/2012 00:12 (EDT)

Barometric Pressure: 995.3 mb

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